



Agency for Healthcare Research and Quality
Advancing Excellence in Health Care



NATIONAL
QUALITY MEASURES
CLEARINGHOUSE

General

Title

Cervical cancer: proportion of patients with cervical cancer who have an MRI of the pelvis performed prior to definitive treatment.

Source(s)

NHS Scotland, Scottish Cancer Taskforce. Cervical cancer clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2016 Aug. 29 p. [12 references]

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the proportion of patients with cervical cancer who have a magnetic resonance imaging (MRI) of the pelvis performed prior to definitive treatment.

Note from the National Quality Measures Clearinghouse: This measure is part of the Cancer Quality Performance Indicators (QPIs) collection. For more information, including a complete list of QPI measure sets, please visit the [Healthcare Improvement Scotland Web site](#).

Rationale

It is necessary to fully image the pelvis prior to definitive treatment in order to establish the extent of disease and minimise unnecessary or inappropriate treatment.

Evidence for Rationale

NHS Scotland, Scottish Cancer Taskforce. Cervical cancer clinical quality performance indicators. Edinburgh (Scotland): Healthcare

Primary Health Components

Cervical cancer; pelvic magnetic resonance imaging (MRI); definitive treatment

Denominator Description

All patients with cervical cancer (see the related "Denominator Inclusions/Exclusions" field)

Numerator Description

Number of patients with cervical cancer having magnetic resonance imaging (MRI) of the pelvis carried out prior to definitive treatment (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

The collection of data is piloted on a small number of patient records using a paper data collection form produced by the Information Services Division (ISD). The aim is to identify any anomalies or difficulties with data collection prior to full implementation. At least one NHS board in each Regional Cancer Network participates in the pilot.

Evidence for Extent of Measure Testing

NHS Scotland. National cancer quality performance indicators: overview of development process. Edinburgh (Scotland): NHS Scotland; 2012 Dec. 7 p.

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory/Office-based Care

Ambulatory Procedure/Imaging Center

Hospital Inpatient

Hospital Outpatient

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Unspecified

Target Population Age

Unspecified

Target Population Gender

Female (only)

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Getting Better

Living with Illness

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

Unspecified

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Clinical Condition

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

All patients with cervical cancer

Exclusions

- Patients with histopathological International Federation of Gynecologists and Obstetricians (FIGO) stage IA1 disease
- Patients treated by large loop excision of the transformation zone (LLETZ) only
- Patients unable to undergo magnetic resonance imaging (MRI) due to contraindications
- Patients with histopathological FIGO stage IVB disease
- Patients who refuse MRI investigation

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Number of patients with cervical cancer having magnetic resonance imaging (MRI) of the pelvis carried out prior to definitive treatment

Exclusions

- Patients with histopathological International Federation of Gynecologists and Obstetricians (FIGO) stage IA1 disease
- Patients treated by large loop excision of the transformation zone (LLETZ) only
- Patients unable to undergo MRI due to contraindications
- Patients with histopathological FIGO stage IVB disease
- Patients who refuse MRI investigation

Numerator Search Strategy

Fixed time period or point in time

Data Source

Electronic health/medical record

Paper medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Prescriptive Standard

Target: 95%

The tolerance within this target accounts for situations where patients require urgent treatment before imaging has been performed, or where cervical cancer is an incidental finding at surgery.

Evidence for Prescriptive Standard

NHS Scotland, Scottish Cancer Taskforce. Cervical cancer clinical quality performance indicators. Edinburgh (Scotland): Healthcare Improvement Scotland; 2016 Aug. 29 p. [12 references]

Identifying Information

Original Title

QPI 1 – radiological staging

Measure Collection Name

Cancer Quality Performance Indicators (QPIs)

Measure Set Name

Cervical Cancer

Submitter

NHS Scotland - National Government Agency [Non-U.S.]

Scottish Cancer Taskforce - National Government Agency [Non-U.S.]

Developer

NHS Scotland - National Government Agency [Non-U.S.]

Scottish Cancer Taskforce - National Government Agency [Non-U.S.]

Funding Source(s)

Scottish Government

Composition of the Group that Developed the Measure

Cervical and Endometrial Cancer QPI Development Group

Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2016 Aug

Measure Maintenance

The Cancer Quality Performance Indicators (QPIs) will be kept under regular review and be responsive to changes in clinical practice and emerging evidence.

Date of Next Anticipated Revision

Unspecified

Measure Status

This is the current release of the measure.

Measure Availability

Source document available from the [Healthcare Improvement Scotland Web site](#) .

For more information, contact the Healthcare Improvement Scotland at Gyle Square, 1 South Gyle Crescent, Edinburgh, Scotland EH12 9EB; Phone: 0131 623 4300; E-mail: comments.his@nhs.net; Web site: www.healthcareimprovementscotland.org/ .

Companion Documents

The following is available:

- NHS Scotland. National cancer quality performance indicators: overview of development process. Edinburgh (Scotland): NHS Scotland; 2012 Dec. 7 p. This document is available from the [Healthcare Improvement Scotland Web site](#) .

NQMC Status

This NQMC summary was completed by ECRI Institute on May 16, 2017.

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Production

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